

- (c) each of the first inserts having a first base portion mounted to the bit head and a first exposed portion extending from the bit head, the first exposed portion having a first profile and a first contact area;
- (d) each of the second inserts having a second base portion mounted to the bit head and a second exposed portion extending from the bit head, each of the second exposed portions having a second profile that is appreciably different from the first profile and a second contact area that is appreciable different from the first contact area of the first exposed portion, at least some of the second exposed portions enhanced with a superhard material.

26 (thrice amended) A percussion drill bit for percussion drilling in a formation, comprising:

- a) a bit head for percussive impact against the formation;
- b) at least a first plurality of first inserts and a second plurality of second inserts extending from the bit head;
- c) each of the first inserts having a first base portion mounted to the bit head and a first exposed portion extending from the bit head, the first exposed portion having a first profile and a first contact area and generally having a radius of curvature;
- d) each of the second inserts having a second base portion mounted to the bit head and a second exposed portion extending from the bit head, each of the second exposed portions having a second profile that is appreciably different from the first profile, generally having a radius of curvature and having a second contact area that is appreciably larger than the first contact area of the first exposed portion, at least some of the second exposed portions enhanced with a superhard material.

50. (thrice amended) A percussion drill bit for percussive drilling in a formation, comprising:

- (a) a bit head for percussive impact against the formation;
- (b) at least a first plurality of first inserts and a second plurality of second inserts extending from the bit head;
- (c) each of the first inserts having a first base portion mounted to the bit head and a first exposed portion extending from the bit head, each of the first exposed